

REPLACEMENT SHEET

hTIR1	1	-MLICTARVIGIOLILISQAFACHSTES	-SPEHTIPGDIHAGHPTI	-HSCLOVRIR	-HEVTIQRSCSNEIGHH	-HOMRLQVEEHNNSTALEPNTTIGYQ	-DVCS	-SANYIATIRVI	119
rTIR1	1	MLFWAHILLSIQ	-VVOAFSCORTES	-HGCLOVRIR	-HIVTSDDPDSNGH	-HIVTSDDPDSNGH	-HIVTSDDPDSNGH	-SANYIATIRVI	118
hTIR2	1	-MCPRAKTICSUPF	-ELMVLAEH	-AE	-NSDIYIPGDIHAGHPTI	-HANKGIVHNFQVEMCK	-EYEVKVI	-HANKGIVHNFQVEMCK	115
rTIR2	1	-MCPQARTLCISU	-ELMVLAEH	-AE	-NSDIYIPGDIHAGHPTI	-HANKGIVHNFQVEMCK	-EYEVKVI	-HANKGIVHNFQVEMCK	118
hTIR3	1	---	---	---	---	---	---	---	117
rTIR3	1	---	---	---	---	---	---	---	117
mGluR1	1	MVRLLLIFFPMIHEMS	PRMPDKVILAGASSQ	HSVARMDGVI	IGAHFSSHQ	PEKYPE	-----	RKCG	123
hTIR1	120	SLPG	---	---	---	---	---	---	236
rTIR1	119	ALQG	---	---	---	---	---	---	235
hTIR2	116	AHE	---	---	---	---	---	---	231
rTIR2	119	HOD	---	---	---	---	---	---	235
hTIR3	118	AKAG	---	---	---	---	---	---	234
rTIR3	118	AKVG	---	---	---	---	---	---	234
mGluR1	124	RDSLSIRDEXQ	INRCIPDQGLH	EGRTKPKIAG	VIEGPGSSVAIQ	ONLEOIFDIPQ	IASATSIDESD	TLKYELR	252
hTIR1	237	ICIAHQUIMFSSQV	---DEH	---MOCIMBHIAQ	---ACATVWVFSRQIARV	FFESV	---MULTCVWVA	---SEAWALSRHITG	354
rTIR1	236	ICIAHQUIMFSSQV	---DEH	---MOCIMBHIAQ	---ARTVWVFSRQIARV	FFESV	---MULTCVWVA	---SEAWALSRHITG	353
hTIR2	232	ICIAHQUIMFSSQV	---DEH	---MOCIMBHIAQ	---STARVWVFSRQIARV	FFESV	---MULTCVWVA	---SEAWALSRHITG	355
rTIR2	236	ICIAHQUIMFSSQV	---DEH	---MOCIMBHIAQ	---TSARVWVFSRQIARV	FFESV	---MULTCVWVA	---SEAWALSRHITG	359
hTIR3	235	ICIAHQUIMFSSQV	---DEH	---MOCIMBHIAQ	---SSVQVWVFSRQIARV	FFESV	---MULTCVWVA	---SEAWALSRHITG	355
rTIR3	235	ICIAHQUIMFSSQV	---DEH	---MOCIMBHIAQ	---SKVQVWVFSRQIARV	FFESV	---MULTCVWVA	---SEAWALSRHITG	355
mGluR1	253	ICIAHQUIMFSSQV	---DEH	---MOCIMBHIAQ	---SFDRLERKILRERUP	KARVAVVQ	CEGMTV	EGULSAMRHLGV	373
hTIR1	355	G	---	---	---	---	---	---	466
rTIR1	354	G	---	---	---	---	---	---	465
hTIR2	356	S	---	---	---	---	---	---	465
rTIR2	360	R	---	---	---	---	---	---	469
hTIR3	356	EREGLLEDV	VGQPCQDC	ILQNV	VSAGLN	---	---	---	471
rTIR3	355	-AEDLERVMGPR	QSGDYIMQ	LSGLMQLSAGOLH	HEQ	IFAT	MAVSVACALH	TIQCN	478
mGluR1	374	HR	---	---	---	---	---	---	497

TO FIG. 1B
FIG. 1A

REPLACEMENT SHEET

FROM FIG. 1A

ht1R1	467	GSSTWSPVQININETKOWHKKUNOVHKSVCSSTCHCHOR	WVUGEHHCCEFCVPCDAGHFIN	KSDLYRCOPCKEWAPEQSCOTCPPTV	ETALAEHHSVHFAANTHHEHILGTAGHFAHFDI	594
rT1R1	466	GSASLSPVHININKTKOWHKKNOIPVSVQTTDCHCHIR	VWVGSHHCECEFCDECHAGFIN	MSELHICOPCKTEENAEKESCTCPPTV	ETALAEHHSVHFAANTHHEHILGTAGHFAHFDI	593
ht1R2	466	ASTYPLOQIKN-IODISWHVNNITJPMSCSKRCGSGOK	KPVGLHVCCFFQDOLPGHFTHTHTEDVECCQAPNNWSYQSL	ISCFKPOLFELEWHHAPTIAVAHIAATGCHSTIA	IIIVFMRHFOI	593
rT1R2	470	ASYSPTSKRIJY-INNVSWYIPNNIVPVSNCSKSCGFGOK	KSVGLHCECEFCDDOMEGEYINPSADEINLSPCGSMASYKNDIT	TCORRPTLELEWHVEIVVAIAALCFESTIAIIEFMRHFOI		597
ht1R3	472	GRFN-GSLRTER--IKIPWHISINDKPVSGRCQCEGQVR	FVAGEHSCQYTCVDDCHAGSRO-NHDDIACITFCGQTESPERS	IRCHERRSRFLAWDEPAVULHLLSLTAIGCIIVAIAGUEVHERIS		596
rT1R3	479	GTFN-GTIOIOH--SMMWEG--NOVPVSCSRQCKDGQVR	RVAGEHSCQYTCVDDKAGSYRK-HHDDITQCPGCKDQSPHKS	STTCIPRRPVEIANGPEPAVLSILLIICMIGICTIAIAGUEVHYADS		601
mGluR1	498	GTWH--EGVINDDYKALOMNK--SGMVRSGCSEPEGKING	QIVIRKGENSCWICGACKENHFOV--DEHICRAGDGLGWP	PNABHICGCHETIRVYLEWSDIESIAHESQIGIIVHIFVTLEFVILYQDI		620
ht1R1	595	PVVRSGGRICFIMIGSIAGSGSLVGHFQEPTRPACHIRQAIFAL	GTIFELSCIVNRSFOLLITTEK	ESTKMPVTHAVONHQAQLEWV--ISSAAGHITQIIMVAVTHIRA	REYORFPHHVMFQTE	722
rT1R1	594	PVVRSGGRICFIMIGSIAGSGSFYSFQEPTRPACHIRQPIES	CHAFELSCMIRSQVILITTEK	ESTKMPVTHRTAONHQAQLEVI--VSSITQIITQITLWAMTERPT	REYORFPHHVMFQTE	721
ht1R2	594	FIVRSAGCHNCLMITHLVAVMMPVYVHEHVSICIGRAHFLH	DETICISQIAVRSQIVCHAMASRHRVSVWVRYQCPVSA	-FIIIVLKWIAVIGMIAIGLSHTTITDDEPKTIVSONP		722
rT1R2	598	PVVRSGGRICFIMVHIIAFGMVPVYVGHPTVHSQFCRAH	FFVCHSCLISQITVRSQIVCHAMARRIJSAYS	SHAMRHHCPVAVFA-FIIIAIKVIAVIGMIAI	TINGICTTIDIPNINISQHP	726
ht1R3	597	HLVQSGGHACFENVCHVCIISVLIHQSPACHAOPISHT	PLITGCLSTIFLOAAHIFVESELPSWADRI	SGCIRGPAWIVL-LAMIVEVAICTWIVAVHPHEV	-TDMWMIHTEALIVFORT	724
rT1R3	602	HLVQSGGSIECFGLICIGFCISVLIHQGRHSGLAOPMAH	PLITGCLSTIFLOAAHIFVESELPLSWANWLC	SVIRGPAWIVL-LAHIVEAALCAWIVAVHPHEV	-TDMQVITTEVLEHARM	729
mGluR1	621	PVVRSSRRELQIIHACIFHGVCPFTILJAFETTSQYTGRI	INGVSSANGISAVTKTNRAHIIAGSKKICITRKPRFMSA	QVACNLIHAILISVQITIAVLIIMEPPHFI	-LSYSIK-EVVIQNT	748
ht1R1	723	INSIGHIAFLVNGHISISAFACSYIGDDEENVNEAK	QVTFESIDENHVSIAHHTITAGVLDGAVIPANMAQISS	SSGFGGVHPRGVHICRPHJNS	TEHFOASTODYIFRCGST	841
rT1R1	722	INSIGHIAFLVNGHISISAFACSYIGKEIPENVNEAK	QVTFESIDENHVSIAHHTITAGVLDGAVIPANMAQISS	SSGFGSGVEIPAGVHICRPHJNS	TEHFOASTODYIFRCGST	840
ht1R2	723	NVRNLSLNTSDILLISVWGSFANNGKELHINVEAK	ELIISMTIEFHSVSQCIENSAISGVIVINDIIVTVINIIA	ISIGVFCPKCMELFYPERVTPAVNSMFCGYINPRD		839
rT1R2	727	NVRNGHIFNTSDILLISVGSFANNGKELHINVEAK	ELIISMTIEFHSVSQCIENSAISGVIVINDIIVTVINIIA	ISIGVFCPKCMELFYPERVTPAVNSMFCGYINPRD		843
ht1R3	725	RSWISGIGHAINATIAHLCIGTEIVRSQGRYNRRCIT	HAMAYFTWVSVEVLLANVQVLRPAVQCAIIL	ICVLGIIAAPHIIEQILIMRQPCINVI	FEHLGGGEGDAQONDGN-TGNQCKHE	852
rT1R3	730	RSWISGIVHITNAMIAHLCIGTEIVRSQGRYNRRCIT	HAMAYFTWVSVEVLLANVQVLRPAVQCAIIL	ICVLCIIAAPHIIPCAVIMIPENITQ	HELGRSPKEADSGNSCSSEATRCHSE	858
mGluR1	749	SI-IQVAVAPVGINCHINISQYIAFKTRNVHANVNEAK	HAETWTTQIIMVAVHIVFSGN--IKIITTCCHAVIS	ISVTVVAGCMTIPMWIITIAKPERI		845

FIG. 1B

REPLACEMENT SHEET

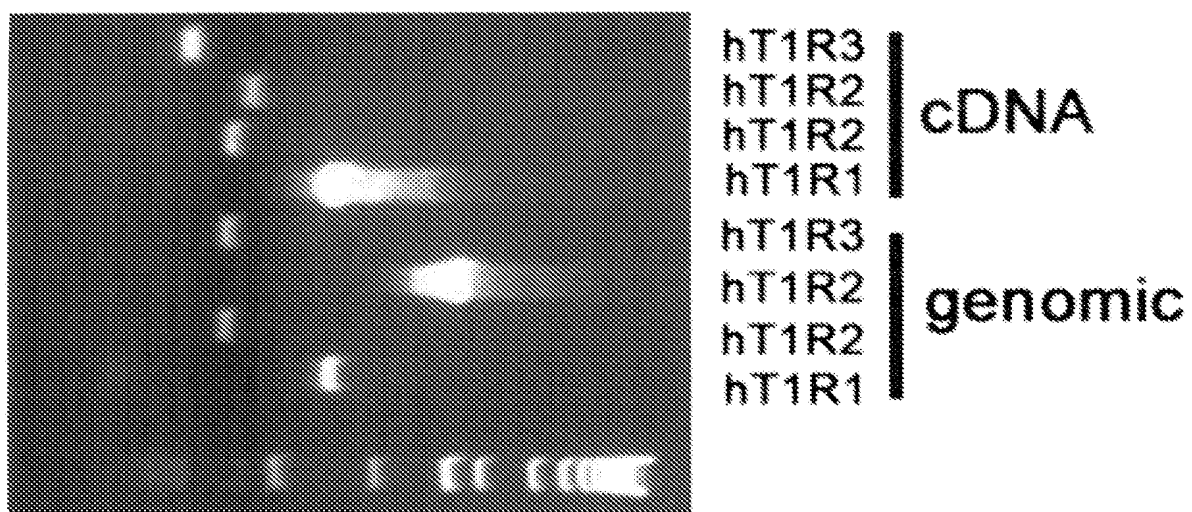


FIG. 2

REPLACEMENT SHEET

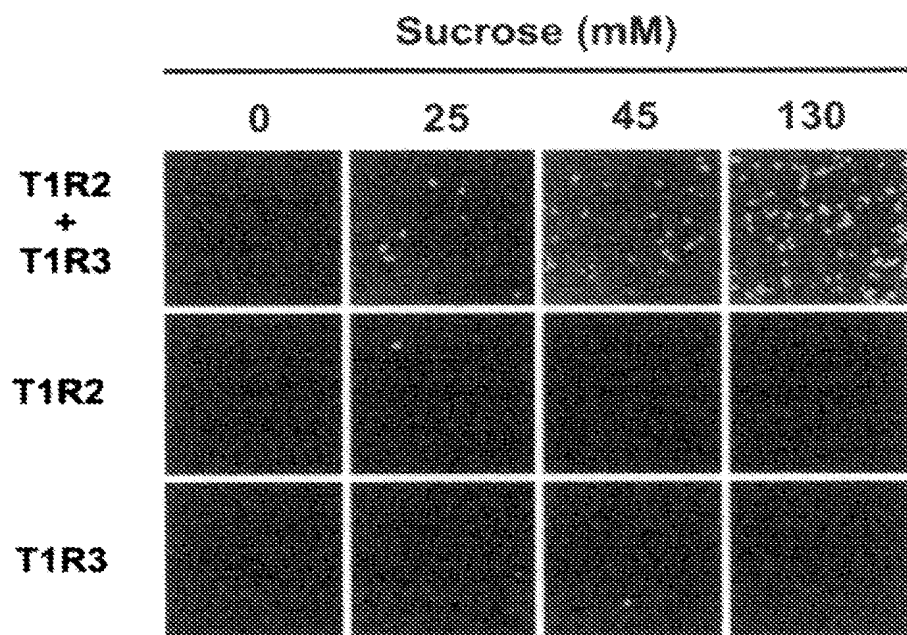


FIG. 3A

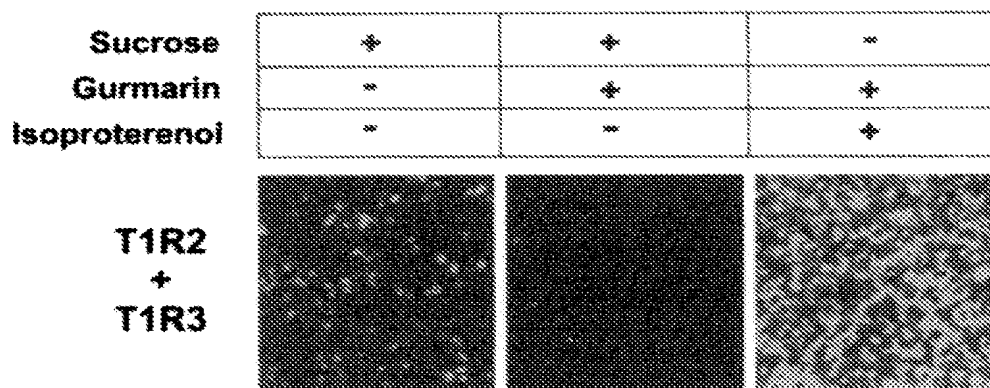


FIG. 3B

REPLACEMENT SHEET

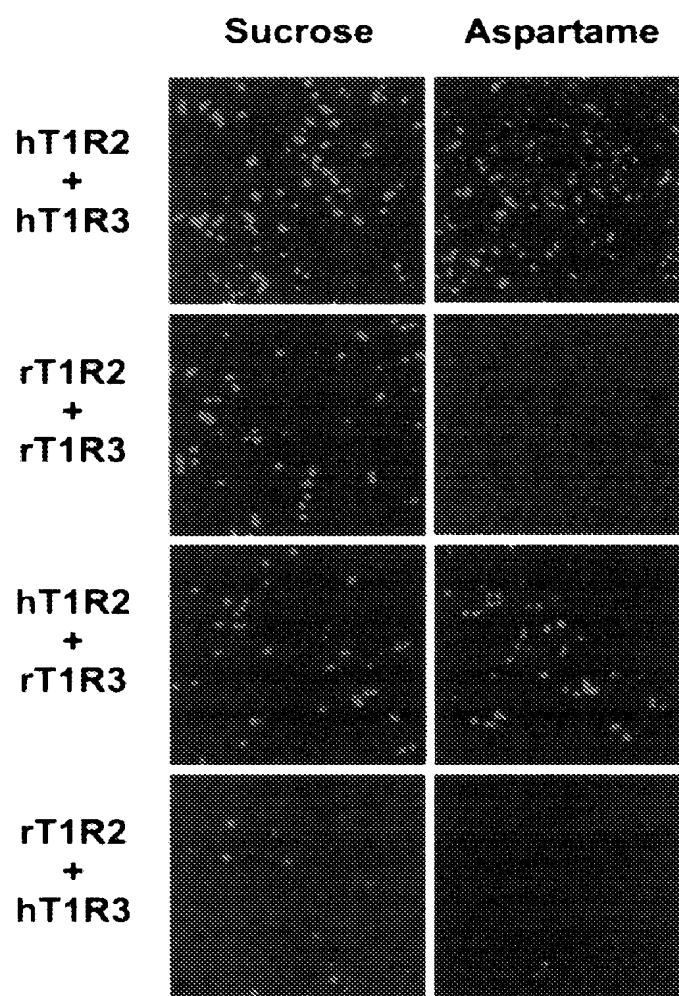


FIG. 4

REPLACEMENT SHEET

NORMALIZED DOSE-RESPONSE CURVE

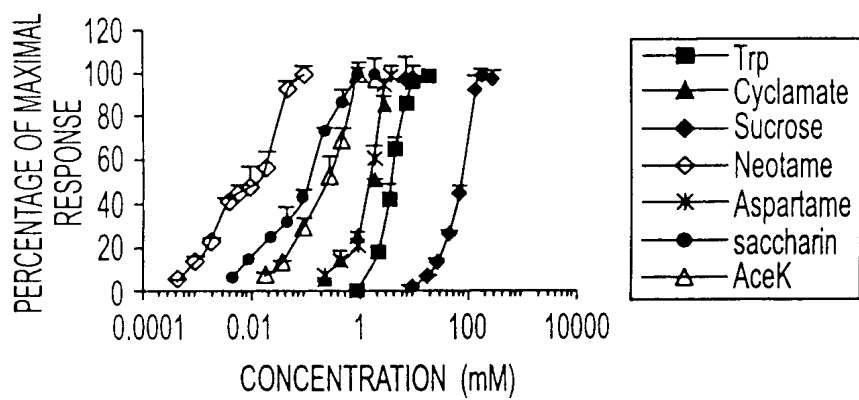


FIG. 6

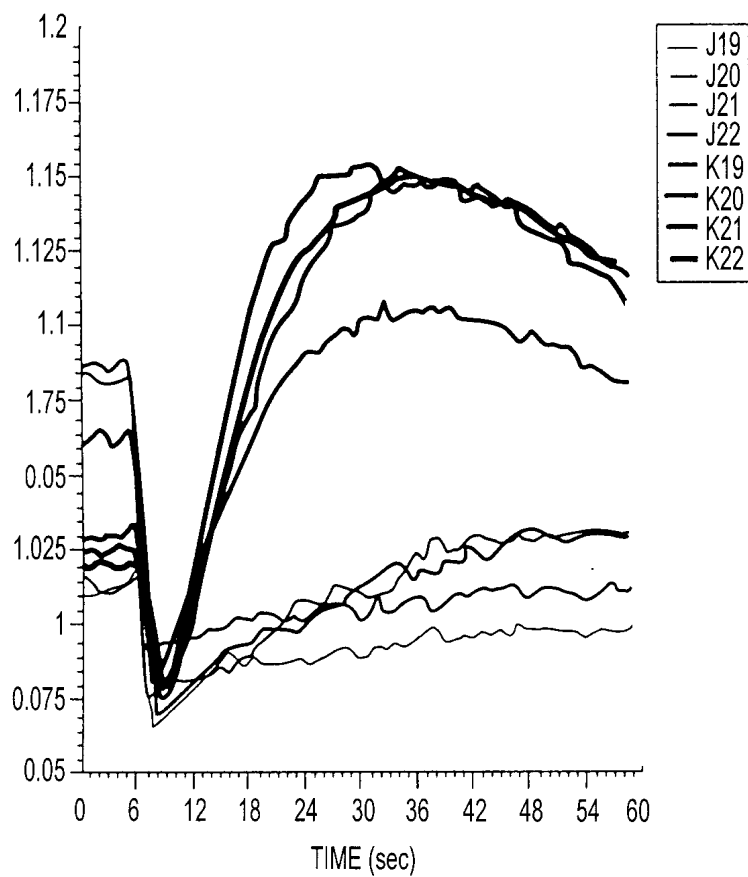


FIG. 5

REPLACEMENT SHEET

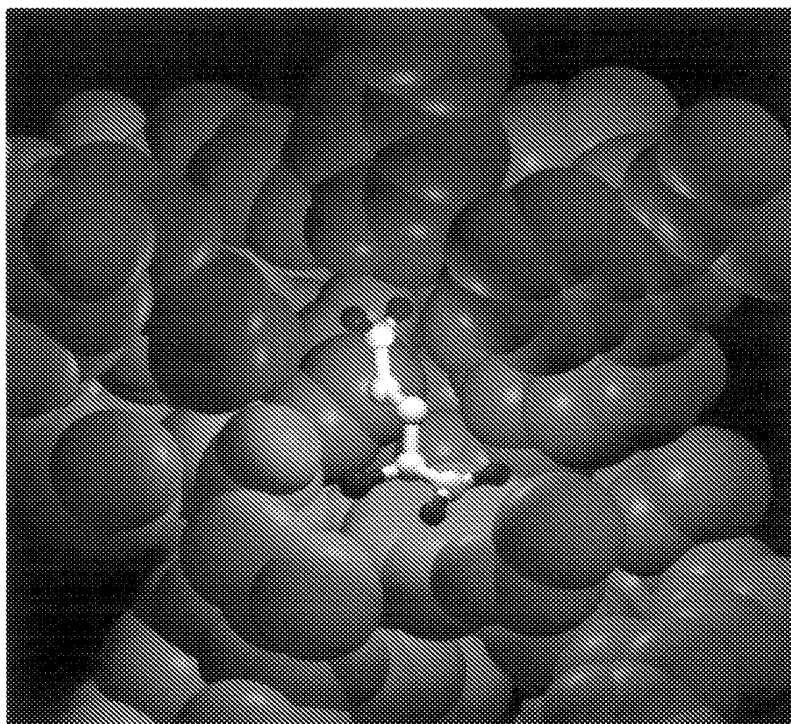


FIG. 7

FIG. 8A

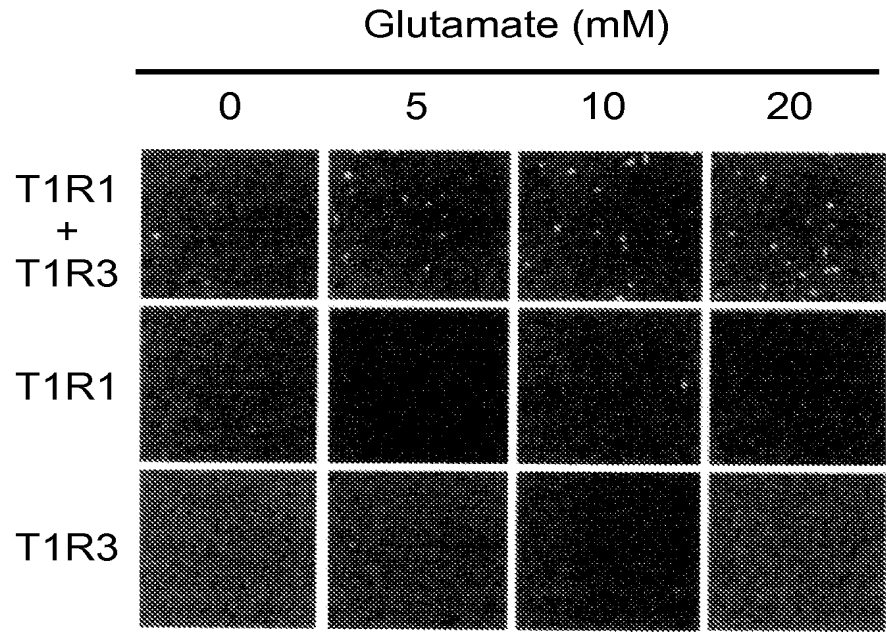
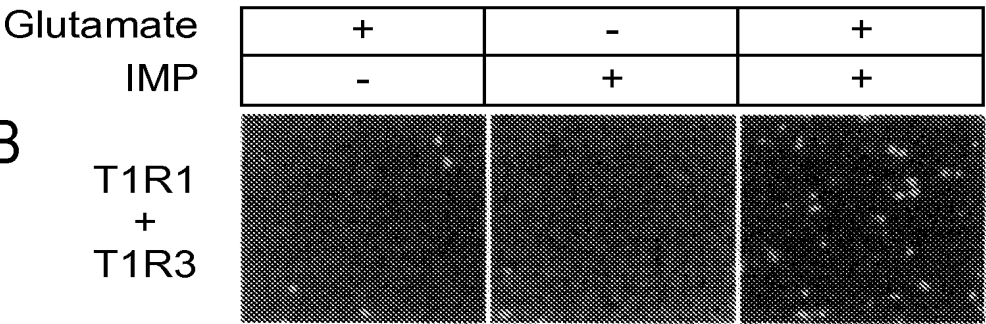


FIG. 8B



REPLACEMENT SHEET

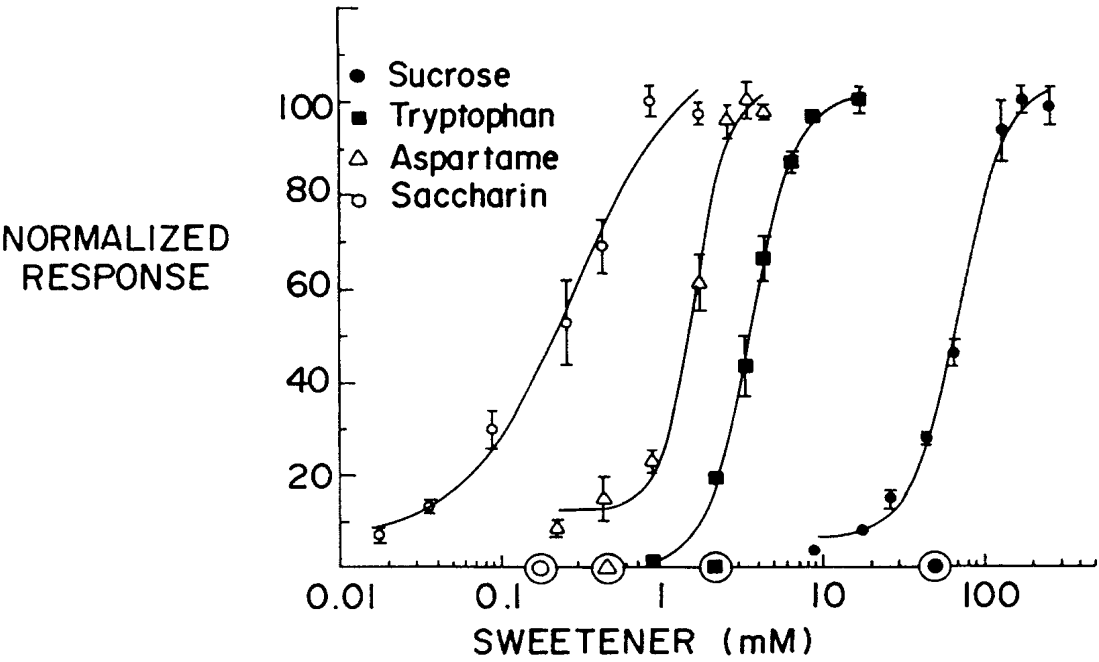


FIG. 3C

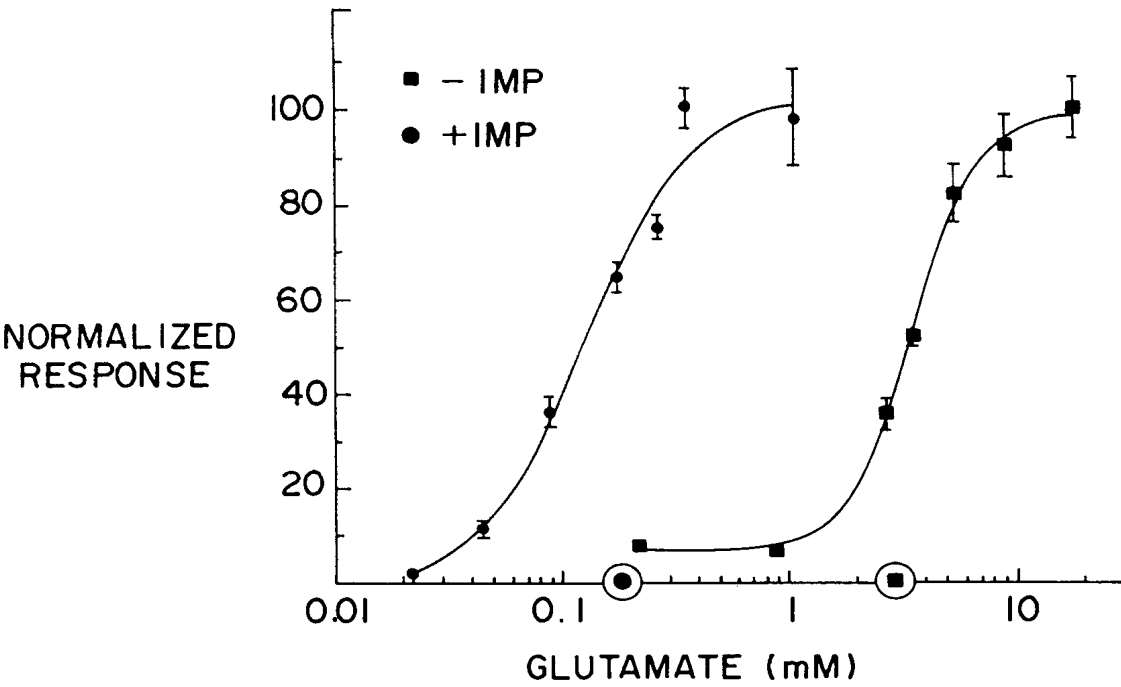
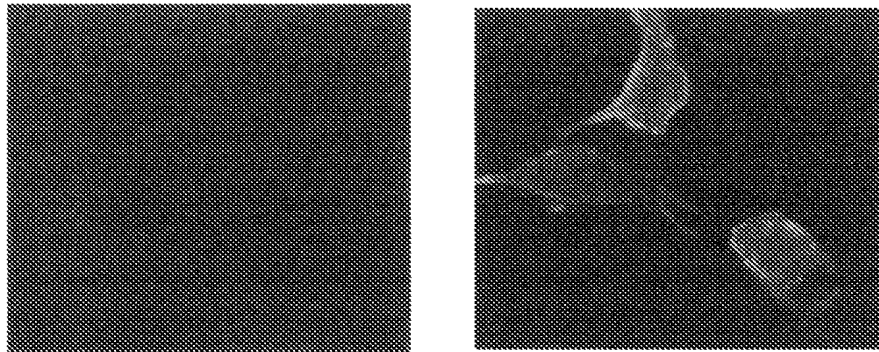


FIG. 8C

REPLACEMENT SHEET



H2-IT-Myc

H2-PDZIP-IT-Myc

FIG. 9A

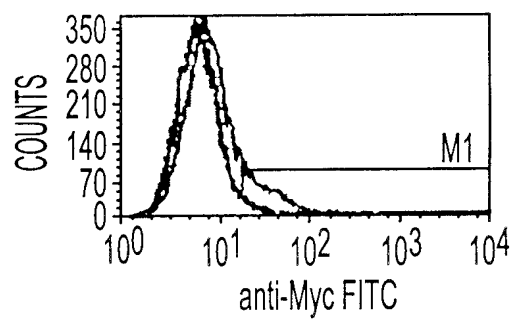


FIG. 9B

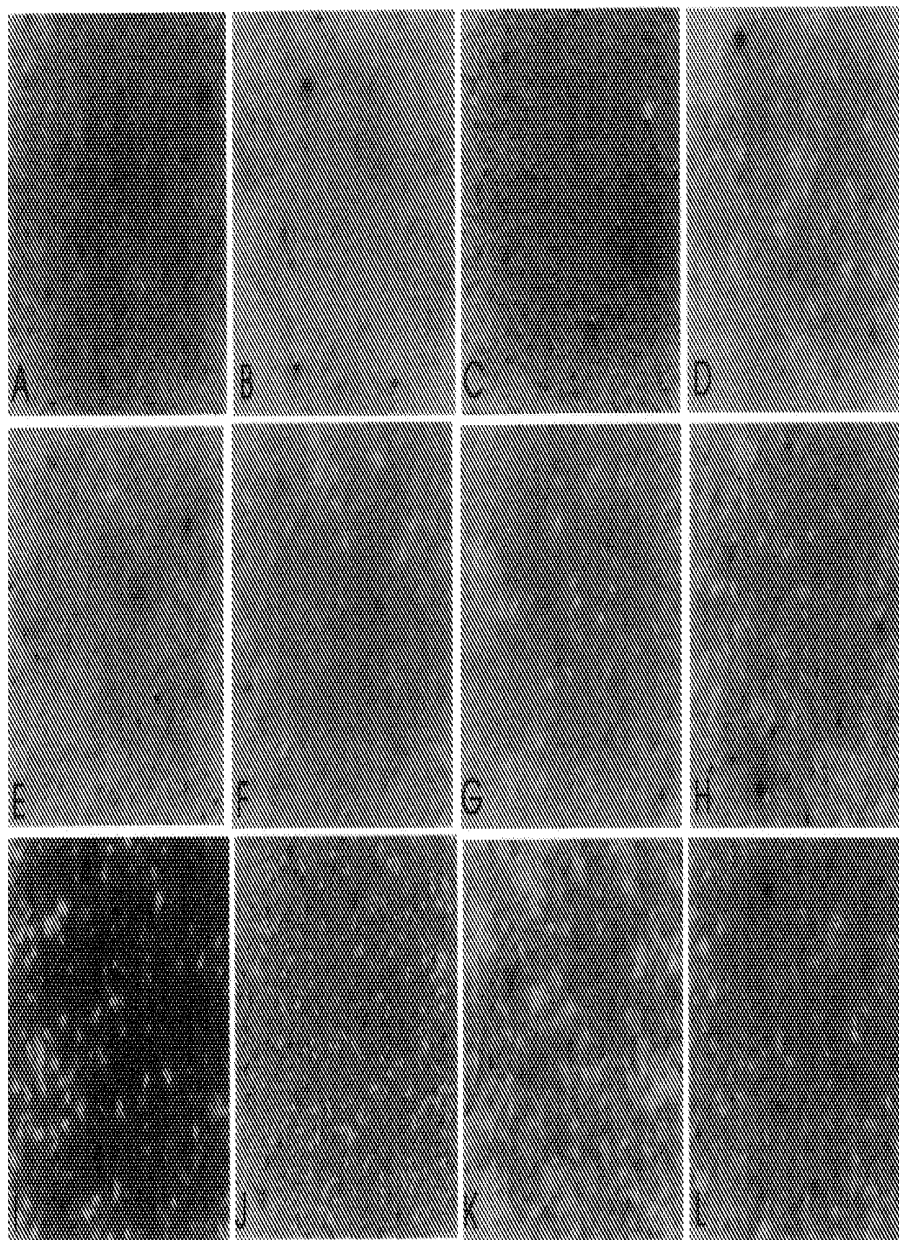


FIG. 10

REPLACEMENT SHEET

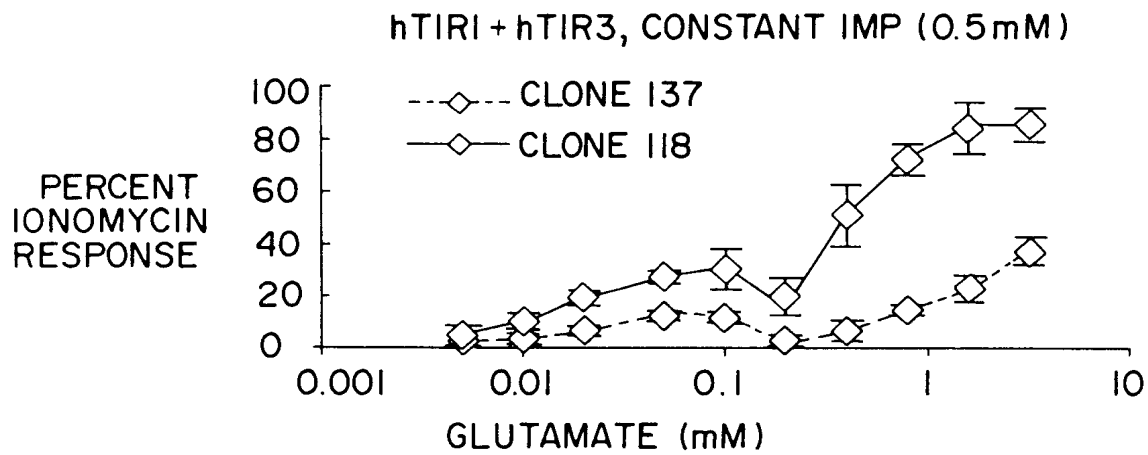


FIG. 11

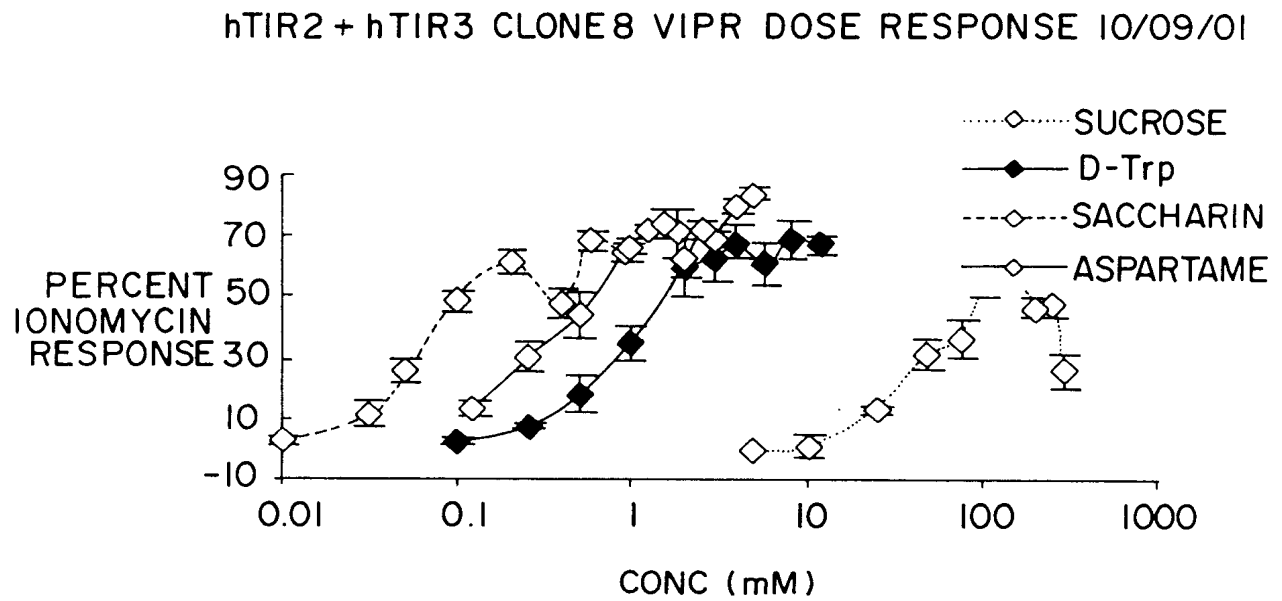


FIG. 12

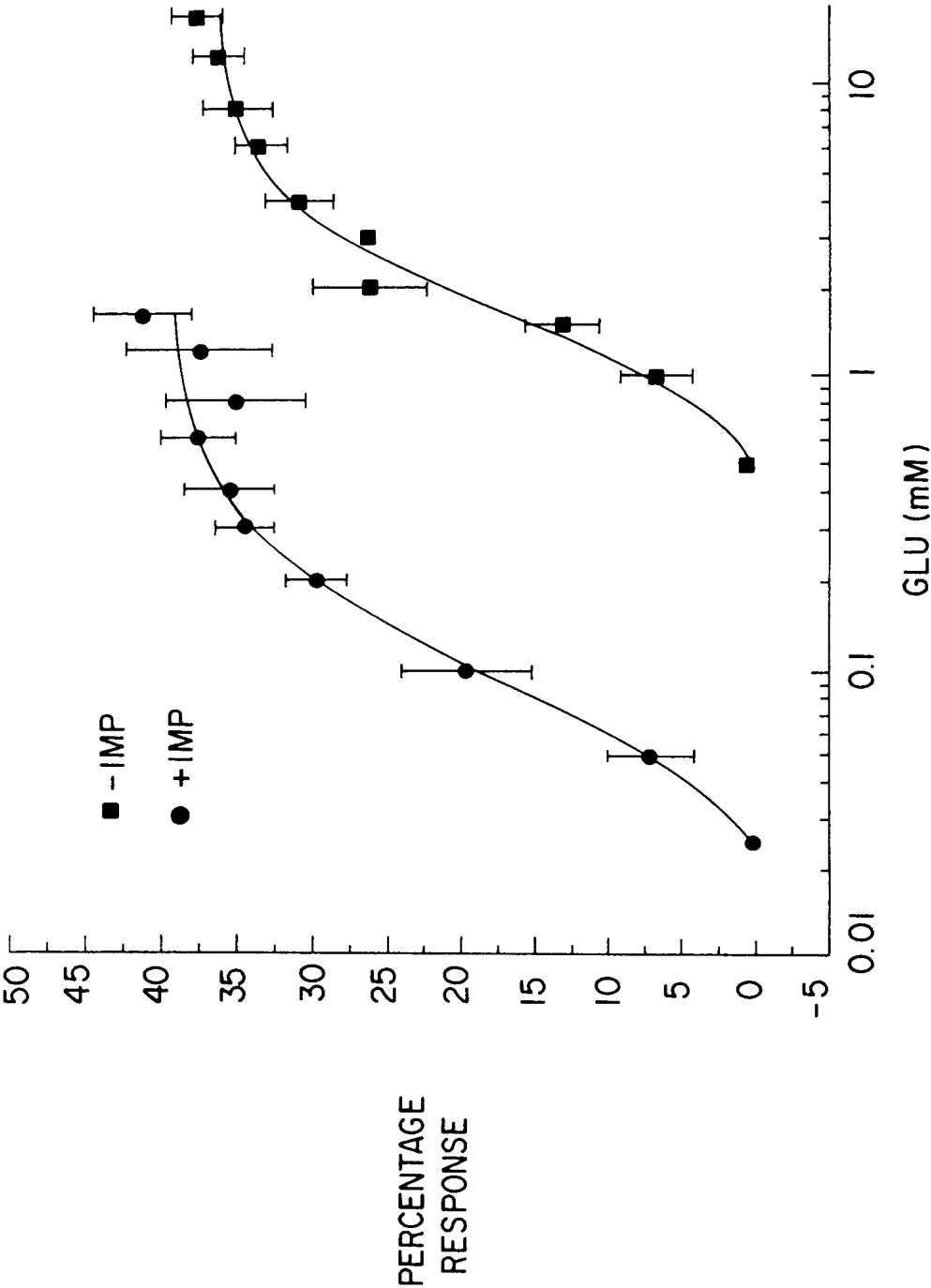


FIG. 13

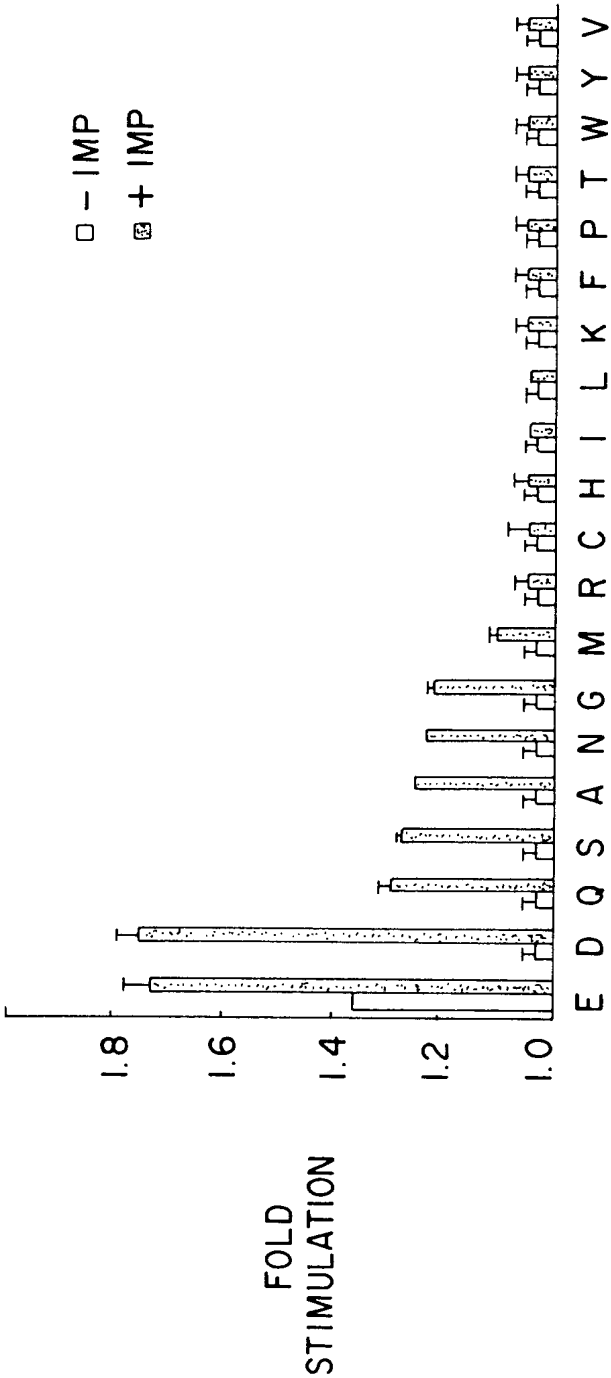


FIG. 14

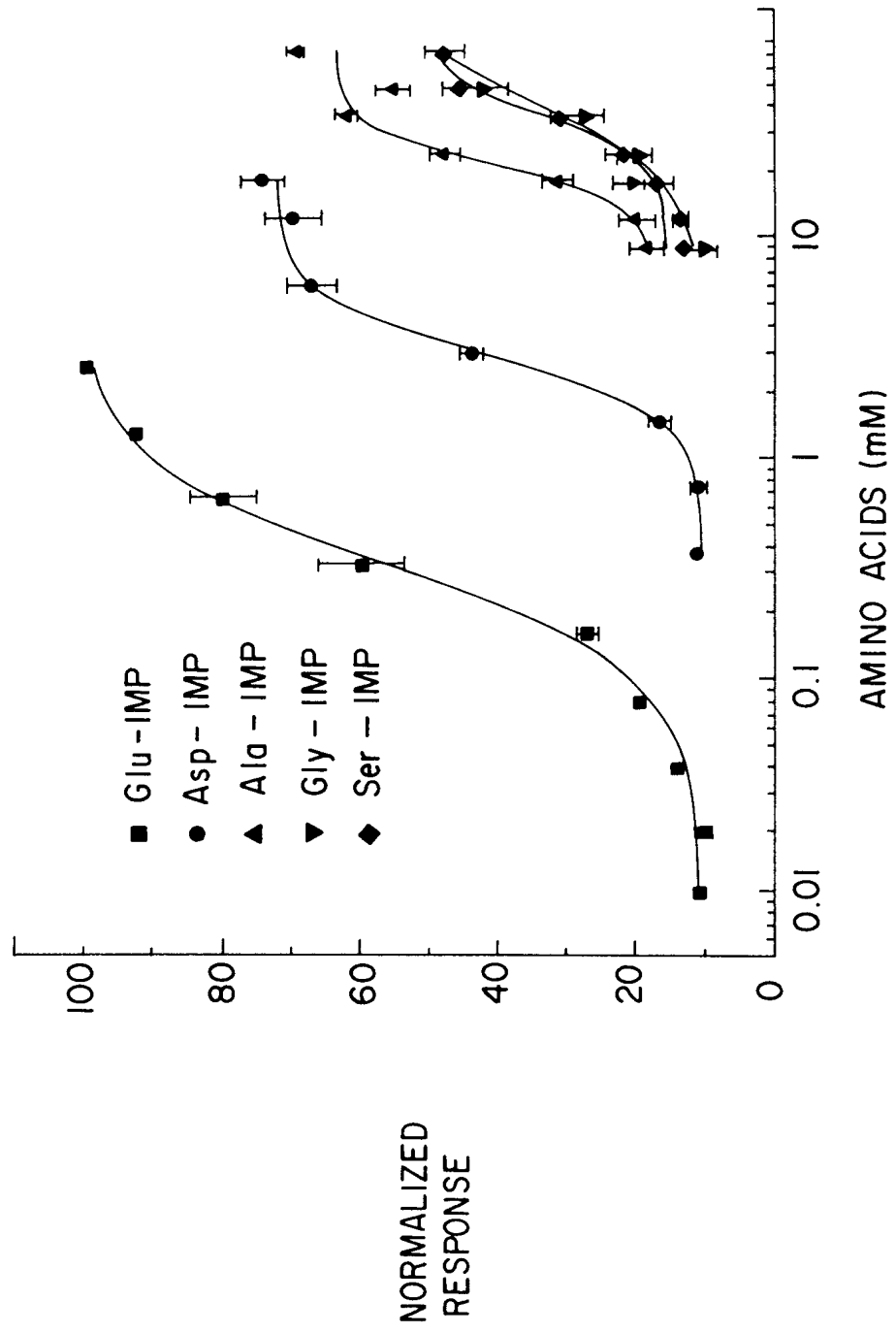


FIG. 15

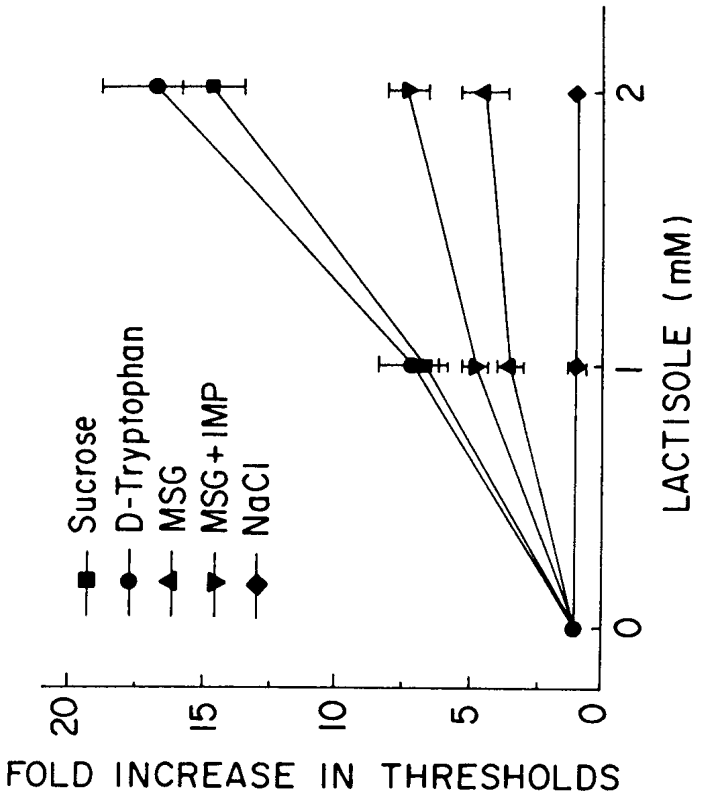


FIG. 16B

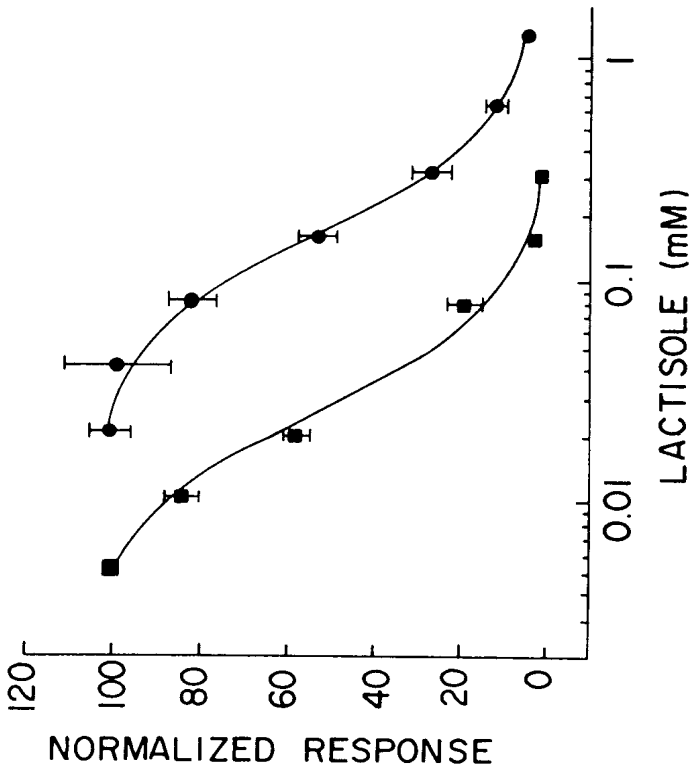


FIG. 16A